

## Anti-NUP98 Antibody (2X666)

### Product Details

|               |                         |
|---------------|-------------------------|
| Ig Type:      | Rabbit IgG              |
| Reactivity:   | Human                   |
| Conjugation:  | Unconjugated            |
| Clone:        | 2X666                   |
| Purification: | Affinity-chromatography |

### Applications

|                    |  |
|--------------------|--|
| Verified Activity: | <p>1. Western Blot</p> <ul style="list-style-type: none"><li>-Positive WB detected in: K562 whole cell lysate, Hela whole cell lysate</li><li>-All lanes: NUP98 antibody at 1:1000</li><li>-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution</li><li>-Predicted band size: 198, 188, 98, 97, 196, 187 kDa</li><li>-Observed band size: 100 kDa</li></ul> <p>2. IHC image of TMAH-00840 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.</p> <p>3. Immunofluorescence staining of Hela Cells with TMAH-00840 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).</p> |
| Application:       | ELISA,IF,IHC,WB  |
| Recommended        | WB:1:500-1:5000; IHC:1:50-1:200; IF:1:20-1:200.  |

### Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

### Antigen Details

Immunogen: A synthetic peptide: Human NUP98  
Antigen Species: Human  
Gene ID: 4928  
Uniprot ID: P52948  
Biology Area: Epigenetics and Nuclear Signaling, Signal transduction

---

### Research Background

Plays a role in the nuclear pore complex (NPC) assembly and/or maintenance. NUP98 and NUP96 are involved in the bidirectional transport across the NPC. May anchor NUP153 and TPR to the NPC. In cooperation with DHX9, plays a role in transcription and alternative splicing activation of a subset of genes. Involved in the localization of DHX9 in discrete intranuclear foci (GLFG-body). (Microbial infection) Binds HIV-1 capsid-nucleocapsid (HIV-1 CA-NC) complexes and may thereby promote the integration of the virus in the host nucleus (in vitro). Binding affinity to HIV-1 CA-NC complexes bearing the capsid change ASN-74-ASP is reduced (in vitro).

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481